

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	439	(175/413).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:29
S2	70	(299/104).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:30
S3	114	(299/106).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:31
S4	88	(299/107).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:31
S5	0	cut\$4 near5 bit near5 shank near5 washer near5 lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:31
S6	0	cut\$4 with bit with shank with washer with lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:32
S7	0	cut\$4 same bit same shank same washer same lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:32
S8	7	cut\$4 near5 bit near5 shank near5 washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:32
S9	13	cut\$4 with bit with shank with washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:32
S10	48	cut\$4 same bit same shank same washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:32

S11	168	(299/102).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:32
S12	162	(299/103).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:36
S13	219	(D15/21).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:36
S14	151	(411/119).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:37
S15	6	(anti stop resist prevent) with rotation with washer with (taper\$2 bevel\$3) with (edge surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:38
S16	0	(anti stop resist prevent) near3 rotation near3 washer near5 lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:38
S17	3	(anti stop resist prevent) near3 rotation near3 washer with lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:39
S18	415	(411/531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:39
S19	197	(411/120).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:40
S20	103	(411/121).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:40

S21	169	(411/197).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:40
S22	337	(411/533).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:41
S23	6	"299"/\$ and ((anti stop resist prevent) near5 rotation near5 washer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:41
S24	5	"175"/\$ and ((anti stop resist prevent) near5 rotation near5 washer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:41
S25	73	(411/161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/06 12:42
S26	2	((411/161).CCLS.) and ellip\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/06 12:42
S27	6	((("5884979") or ("5098167") or ("5052757"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/08/07 13:08
S28	5	("2227209" "3512838" "4302053" "4480873" "4697850").PN.	USPAT	OR	ON	2003/08/07 09:54
S29	14	"5098167".URPN.	USPAT	OR	ON	2003/10/06 12:30
S30	9	("4489986" "4561698" "4660890" "4844550" "4932723" "5098167" "5106166" "5273343" "5415462").PN.	USPAT	OR	ON	2003/08/07 14:40
S31	6	"5931542".URPN.	USPAT	OR	ON	2003/08/07 14:41
S32	5	("2227209" "3512838" "4302053" "4480873" "4697850").PN.	USPAT	OR	ON	2003/08/07 14:42
S33	3	("3856359" "5415462" "5931542").PN.	USPAT	OR	ON	2003/08/07 14:42
S34	0	"6508516".URPN.	USPAT	OR	ON	2003/08/07 14:43

S35	17	("3512838" "3992061" "4084856" "4201421" "4302055" "4561698" "4660890" "4763956" "4844550" "4915455" "4932723" "5498069" "5503463" "5551760" "5702160" "5884979" "5931542").PN.	USPAT	OR	ON	2003/08/07 14:43
S36	0	"6357832".URPN.	USPAT	OR	ON	2003/08/07 14:45
S37	6	("3746396" "4660890" "4818027" "4932723" "5415462" "5931542").PN.	USPAT	OR	ON	2003/08/07 14:45
S38	3	"6113195".URPN.	USPAT	OR	ON	2003/08/07 14:45
S39	3	"6113195".URPN.	USPAT	OR	ON	2003/08/07 14:46
S40	18	("1103602" "3512838" "3746396" "3752515" "3796464" "3830321" "3841708" "3865437" "3957307" "4084856" "4201421" "4247150" "4302053" "4333687" "4335921" "4489986" "4561698" "4583786").PN.	USPAT	OR	ON	2003/08/07 14:46
S41	8	"4844550".URPN.	USPAT	OR	ON	2003/08/07 14:48
S42	2	("6099223").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/08/08 08:15
S43	659	(anti stop resist prevent) near3 rotation near3 washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/07 15:38
S44	6	("1326892" "4042285" "4046432" "4981373" "5482384" "5647675").PN.	USPAT	OR	ON	2003/08/07 15:44
S45	2	"5967673".URPN.	USPAT	OR	ON	2003/08/07 15:48
S46	7	("Re28431" "2891828" "3972574" "4042309" "4310205" "4725153" "4783183").PN.	USPAT	OR	ON	2003/08/07 15:49
S47	12	"4981373".URPN.	USPAT	OR	ON	2003/08/07 15:50
S48	3	("0667339" "0999606" "1052380").PN.	USPAT	OR	ON	2003/08/07 15:52
S49	7	"4284114".URPN.	USPAT	OR	ON	2003/08/07 15:52
S50	7	"4284114".URPN.	USPAT	OR	ON	2003/08/07 15:54

S51	6	("2191101" "4284114" "5117707" "5199319" "5598741" "5632567").PN.	USPAT	OR	ON	2003/08/07 15:55
S52	1	"6073965".URPN.	USPAT	OR	ON	2003/08/07 15:57
S53	23	("0913024" "1854800" "1862275" "2200702" "2312379" "2439516" "2506953" "2613964" "3367228" "3386771" "3392728" "3869219" "3892031" "4181447" "4235560" "4427318" "4533277" "4659246" "4749322" "4844677" "5161357" "5256020" "5423647").PN.	USPAT	OR	ON	2003/08/07 16:51
S54	1	"5599131".URPN.	USPAT	OR	ON	2003/08/07 16:54
S55	893	(anti stop resist prevent) near5 rotation near5 washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/08 07:56
S56	22	((("6454360") or ("6478383") or ("6508516") or ("3746396") or ("4489986") or ("4932723") or ("5098167") or ("5106166") or ("5273343") or ("5628549") or ("5730502") or ("5842747") or ("5884979") or ("5931542") or ("6113195") or ("6164728") or ("6199956") or ("6357832") or ("6371567") or ("6375272") or ("6378952") or ("6390352")).PN.	USPAT; USOCR	OR	OFF	2003/08/08 08:17
S57	10	("2922456" "3118718" "3221588" "3415064" "4095430" "4157725" "4380413" "4462730" "4545270" "4630984").PN.	USPAT	OR	ON	2003/08/08 08:50
S58	16	"4781503".URPN.	USPAT	OR	ON	2003/08/08 08:27
S59	2	("4844550").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/08/08 08:51
S60	8	"4844550".URPN.	USPAT	OR	ON	2003/08/08 08:51
S61	8	"4844550".URPN.	USPAT	OR	ON	2003/08/08 08:51

S62	18	("T103602" "3512838" "3746396" "3752515" "3796464" "3830321" "3841708" "3865437" "3957307" "4084856" "4201421" "4247150" "4302053" "4333687" "4335921" "4489986" "4561698" "4583786").PN.	USPAT	OR	ON	2003/08/08 08:52
S63	2	("4561698").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/08/08 08:58
S64	2	("6692083").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 09:23
S65	6	("3746396" "4660890" "4818027" "4932723" "5415462" "5931542").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/15 10:31
S66	10	("6113195").URPN.	USPAT	OR	ON	2005/03/15 10:33
S67	9	("4489986" "4561698" "4660890" "4844550" "4932723" "5098167" "5106166" "5273343" "5415462").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/15 10:36
S68	10	("5931542").URPN.	USPAT	OR	ON	2005/03/15 10:37
S69	34	("0913024" "1854800" "1862275" "2200702" "2312379" "2439516" "2506953" "2613964" "3367228" "3386771" "3392728" "3869219" "3892031" "4181447" "4235560" "4427318" "4533277" "4659246" "4749322" "4844677" "5161357" "5256020" "5423647").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/15 10:38
S70	3	("5599131").URPN.	USPAT	OR	ON	2005/03/15 10:42
S71	1	("2613964").URPN.	USPAT	OR	ON	2005/03/15 10:43
S72	0	cut\$4 near5 bit near5 shank near5 washer near5 lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:44

S73	3	cut\$4 with bit with shank with washer with lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:44
S74	5	cut\$4 same bit same shank same washer same lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:45
S75	11	cut\$4 near5 bit near5 shank near5 washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:45
S76	18	cut\$4 with bit with shank with washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:46
S77	6	(anti stop resist prevent) with rotation with washer with (taper\$2 bevel\$3) with (edge surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:47
S78	0	(anti stop resist prevent) near3 rotation near3 washer near5 lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:47
S79	3	(anti stop resist prevent) near3 rotation near3 washer with lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:47
S80	8	"299"/\$ and ((anti stop resist prevent) near5 rotation near5 washer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:48
S81	5	"175"/\$ and ((anti stop resist prevent) near5 rotation near5 washer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:48
S82	2	((411/161).CCLS.) and ellip\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:48
S83	6	((("5884979") or ("5098167") or ("5052757"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S84	5	("2227209" "3512838" "4302053" "4480873" "4697850").PN.	USPAT	OR	ON	2005/03/15 10:49
S85	16	"5098167".URPN.	USPAT	OR	ON	2005/03/15 10:49

S86	9	("4489986" "4561698" "4660890" "4844550" "4932723" "5098167" "5106166" "5273343" "5415462").PN.	USPAT	OR	ON	2005/03/15 10:49
S87	10	"5931542".URPN.	USPAT	OR	ON	2005/03/15 10:49
S88	5	("2227209" "3512838" "4302053" "4480873" "4697850").PN.	USPAT	OR	ON	2005/03/15 10:49
S89	3	("3856359" "5415462" "5931542").PN.	USPAT	OR	ON	2005/03/15 10:49
S90	2	"6508516".URPN.	USPAT	OR	ON	2005/03/15 10:49
S91	17	("3512838" "3992061" "4084856" "4201421" "4302055" "4561698" "4660890" "4763956" "4844550" "4915455" "4932723" "5498069" "5503463" "5551760" "5702160" "5884979" "5931542").PN.	USPAT	OR	ON	2005/03/15 10:49
S92	3	"6357832".URPN.	USPAT	OR	ON	2005/03/15 10:49
S93	6	("3746396" "4660890" "4818027" "4932723" "5415462" "5931542").PN.	USPAT	OR	ON	2005/03/15 10:49
S94	10	"6113195".URPN.	USPAT	OR	ON	2005/03/15 10:49
S95	10	"6113195".URPN.	USPAT	OR	ON	2005/03/15 10:49
S96	18	("T103602" "3512838" "3746396" "3752515" "3796464" "3830321" "3841708" "3865437" "3957307" "4084856" "4201421" "4247150" "4302053" "4333687" "4335921" "4489986" "4561698" "4583786").PN.	USPAT	OR	ON	2005/03/15 10:49
S97	13	"4844550".URPN.	USPAT	OR	ON	2005/03/15 10:49
S98	2	("6099223").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S99	738	(anti stop resist prevent) near3 rotation near3 washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S10 0	6	("1326892" "4042285" "4046432" "4981373" "5482384" "5647675").PN.	USPAT	OR	ON	2005/03/15 10:49

S10 1	3	"5967673".URPN.	USPAT	OR	ON	2005/03/15 10:49
S10 2	7	("Re28431" "2891828" "3972574" "4042309" "4310205" "4725153" "4783183").PN.	USPAT	OR	ON	2005/03/15 10:49
S10 3	14	"4981373".URPN.	USPAT	OR	ON	2005/03/15 10:49
S10 4	3	("0667339" "0999606" "1052380").PN.	USPAT	OR	ON	2005/03/15 10:49
S10 5	9	"4284114".URPN.	USPAT	OR	ON	2005/03/15 10:49
S10 6	9	"4284114".URPN.	USPAT	OR	ON	2005/03/15 10:49
S10 7	6	("2191101" "4284114" "5117707" "5199319" "5598741" "5632567").PN.	USPAT	OR	ON	2005/03/15 10:49
S10 8	3	"6073965".URPN.	USPAT	OR	ON	2005/03/15 10:49
S10 9	23	("0913024" "1854800" "1862275" "2200702" "2312379" "2439516" "2506953" "2613964" "3367228" "3386771" "3392728" "3869219" "3892031" "4181447" "4235560" "4427318" "4533277" "4659246" "4749322" "4844677" "5161357" "5256020" "5423647").PN.	USPAT	OR	ON	2005/03/15 10:49
S11 0	3	"5599131".URPN.	USPAT	OR	ON	2005/03/15 10:49
S11 1	994	(anti stop resist prevent) near5 rotation near5 washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S11 2	22	((("6454360") or ("6478383") or ("6508516") or ("3746396") or ("4489986") or ("4932723") or ("5098167") or ("5106166") or ("5273343") or ("5628549") or ("5730502") or ("5842747") or ("5884979") or ("5931542") or ("6113195") or ("6164728") or ("6199956") or ("6357832") or ("6371567") or ("6375272") or ("6378952") or ("6390352")).PN.	USPAT; USOCR	OR	OFF	2005/03/15 10:49

S11 3	10	("2922456" "3118718" "3221588" "3415064" "4095430" "4157725" "4380413" "4462730" "4545270" "4630984").PN.	USPAT	OR	ON	2005/03/15 10:49
S11 4	17	"4781503".URPN.	USPAT	OR	ON	2005/03/15 10:49
S11 5	2	("4844550").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S11 6	13	"4844550".URPN.	USPAT	OR	ON	2005/03/15 10:49
S11 7	13	"4844550".URPN.	USPAT	OR	ON	2005/03/15 10:49
S11 8	18	("T103602" "3512838" "3746396" "3752515" "3796464" "3830321" "3841708" "3865437" "3957307" "4084856" "4201421" "4247150" "4302053" "4333687" "4335921" "4489986" "4561698" "4583786").PN.	USPAT	OR	ON	2005/03/15 10:49
S11 9	2	("4561698").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S12 0	792	(175/413).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S12 1	87	(299/104).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S12 2	149	(299/106).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S12 3	107	(299/107).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49

S12 4	0	cut\$4 near5 bit near5 shank near5 washer near5 lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S12 5	3	cut\$4 with bit with shank with washer with lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S12 6	5	cut\$4 same bit same shank same washer same lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S12 7	11	cut\$4 near5 bit near5 shank near5 washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S12 8	18	cut\$4 with bit with shank with washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S12 9	54	cut\$4 same bit same shank same washer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S13 0	282	(299/102).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S13 1	282	(299/103).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S13 2	373	(D15/21).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S13 3	264	(411/119).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S13 4	6	(anti stop resist prevent) with rotation with washer with (taper\$2 bevel\$3) with (edge surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49

S13 5	0	(anti stop resist prevent) near3 rotation near3 washer near5 lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S13 6	3	(anti stop resist prevent) near3 rotation near3 washer with lip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S13 7	648	(411/531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S13 8	337	(411/120).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S13 9	163	(411/121).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S14 0	330	(411/197).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S14 1	459	(411/533).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S14 2	8	"299"/\$ and ((anti stop resist prevent) near5 rotation near5 washer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S14 3	5	"175"/\$ and ((anti stop resist prevent) near5 rotation near5 washer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49
S14 4	120	(411/161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/15 10:49
S14 5	2	((411/161).CCLS.) and ellip\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/15 10:49

S14 6	32	{"3512838" "3746396" "4284114" "4380413" "4489986" "4781503" "4844550" "4932723" "4881373" "5098167" "5106166" "5273343" "5599131" "5628549" "5730502" "5842747" "5884979" "5931542" "5967673" "6073965" "6113195" "6164728" "6199956" "6357832" "6371567" "5375272" "6378952" "6390352" "6454360" "6478383" "6508516").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/15 11:55
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